

METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR  
SECURITY PROCESSING OUTBOUND COMMUNICATIONS IN A  
CLUSTER COMPUTING ENVIRONMENT

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Abstract of the Disclosure

Methods, systems and computer program products provide Internet Protocol Security (IPSec) to a plurality of target hosts in a cluster of data processing systems which communicate with a network through a routing communication protocol stack utilizing a dynamically routable Virtual Internet Protocol Address (DVIPA) for communications from the plurality of target hosts by negotiating security associations (SAs) associated with the DVIPA utilizing an Internet Key Exchange (IKE) component associated with the routing communication protocol stack and distributing information about the negotiated SAs to the target hosts so as to allow the target hosts to perform IPSec processing of communications to the network utilizing the negotiated SAs. Communications to the network are IPSec processed utilizing the distributed information at communication protocol stacks at respective ones of the plurality of target hosts.

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